PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

FIRST NAMED INVENTOR

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

FILING DATE

20985

APPLICATION NO.

7590

03/15/2007

FISH & RICHARDSON P.C. P.O. Box 1022 Minneapolis, MN 55440-1022

4a. The following fee(s) are enclosed: [X] Issue Fee [X] Publication Fee (No small entity discount permitted) [] Advance Order - # of Copies	APPLICATION NO.	I FILING DATE	l	TIKSI NAME	DINVENTOR	ATTORNET DOCKET NO.	CONTINUATION NO.
APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FIED STORAL FEE(S) DUE DATE DUE nonprovisional NO S1400 S300 S1700 06/15/2007 EXAMINER ART UNIT CLASS-UBCLASS HAFIZ, MURSALIN B. 2814 257-328000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.36). 1. [Change of correspondence address (or Change of Correspondence Address form PTO/SB1/22) attached. 1. [The Address in indication for "Fee Address" Indication form PTO/SB1/22) attached. 1. [The Address in indication for "Fee Address" Indication form PTO/SB1/23) attached. 2. [For printing on the patent front page, list (1) the names of a pto 3 registered patent attorneys or agent and the names of the patent strength of the	10/522,278 01/24/2005			Takashi Hoshino		14925-011US1/FP03-0200-00	8811
EXAMINER ART UNIT CLASS-SUBCLASS							ION FIELD EFFECT
EXAMINER BAFIZ, MURSALIN B. 2814 257-328000 1. Change of correspondence address or indication of "Fee Address" (37) CFR 1.363). 1. [Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single form of the will have a gas a member a registered patent attorneys or agents OR, alternatively, (2) the name of a single form of the patent (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single form of the patent and trace attorney or agents OR, alternatively, (2) the name of a single form of the patent attorneys or agents. In on same is listed, no name will be printed. 2. For printing on the patent front page, list (1) the names of up to 2 registered patent attorneys or agents of the correspondence of the page of th	APPLN, TYPE	SMALL ENTITY	ISSUI	E FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
HAFIZ, MURSALIN B. Change of correspondence address or indication of "Fee Address" (37 ER 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents. If the names of up to 3 registered patent attorneys or agents. If no name is listed, no name is listed. Name of up to 1 registered patent attorneys or agents. If no name is listed, n							06/15/2007
Change of correspondence address or indication of "Fee Address" (37 1 Change of correspondence address (or Change of Correspondence Address form PTO/SB1/22) attached. 1 Tea Address' indication (or "Fee Address" Indication form PTO/SB1/22) attached. 1 Tea Address' indication (or "Fee Address" Indication form PTO/SB1/22) attached. Use of a Customer Number is required. 3 State of Correspondence address (or Change of Correspondence Address indication (or "Fee Address" Indication form PTO/SB1/22) attached. Use of a Customer Number is required. 3 Tea Address' indication (or "Fee Address" Indication form PTO/SB1/27, Rev 03-02 or more recent) attached. Use of a Customer Number is required. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE (CITY and STATE OR COUNTRY) Sumitomo Electric Industries, Ltd. JAPAN lease check the appropriate assignee category or categories (will not be printed on the patent): [] individual [X] corporation or other private group entity [] government of Fee(s): [] A check in the amount of the fee(s) is enclosed. [] Payment by reeffic card, Form PTO-2038 is attached. [] Payment by credit card, Form PTO-2038 is attached. [] Payment by credit card, Form PTO-2038 is attached. [] Payment by credit card, Form PTO-2038 is attached. [] Payment by credit card, Form PTO-2038 is attached. [] Payment by credit card, Form PTO-2038 is attached. [] Payment by credit card, Form PTO-2038 is attached. [] Payment by credit card, Form PTO-2038 is attached. [] Payment by credit card, Form PTO-2038 is attached. [] Payment by credit card, Form PTO-2038 is attached. [] Payment by credit card, Form PTO-2038 is a	EXAMINER		ART UNIT		CLASS-SUBCLASS]	
1 Change of correspondence address (or Change of Correspondence address form PTO/SB/12) attached. 1 Tee Address indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3 Tee Address indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. ANAME OF ASSIGNEE (B) RESIDENCE (CITY and STATE OR COUNTRY) Sumitomo Electric Industries, Ltd.	· · · · · · · · · · · · · · · · · · ·		\		L	_	
ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has beer previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE Sumitomo Electric Industries, Ltd. JAPAN lease check the appropriate assignee category or categories (will not be printed on the patent): [] individual [X] corporation or other private group entity [] government. a. The following fee(s) are enclosed: [X] Publication Fee (No small entity discount permitted) [A) Advance Order - # of Copies [A) Advance Order - # of Copies [A) Applicant claims SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.2.7. [B) Applicant is no longer claiming SMALL E	FR 1.363). [] Change of correspon Address form PTO/SB/1 [] "Fee Address" indic PTO/SB/47; Rev 03-02	ndence address (or Change of Co 122) attached. ation (or "Fee Address" Indicatio	orrespondence	names of up agents OR, a firm (having agent) and th attorneys or a	to 3 registered patent attorneys lternatively, (2) the name of a as a member a registered attor e names of up to 2 registered agents. If no name is listed, no	s or 1. Fish & Richa single ney or 2	
Deposit Account Number 06-1050 (enclose an extra copy of this form). Change in Entity Status (from status indicated above) [] a. Applicant claims SMALL ENTITY status. See 37 CFR 1.2.7. [] b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. OTE: The issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered agent or; or the assignee or other party in interest nown by the records of the United States Patent and Trademark Office. Authorized Signature) OTE: The issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered agent or; or the assignee or other party in interest nown by the records of the United States Patent and Trademark Office. May 15, 2007 May 16, 2007 May 16, 2007 May 16, 2007 May 17, 2007 May 17, 2007 May 18, 2007 May 18, 2007 May 18, 2007 May 19, 2007 May	Sumitomo Electric Indu lease check the appropriat a. The following fee(s) are [X] Issue Fee [X] Publication Fee (No	ustries, Ltd. te assignee category or categories e enclosed: small entity discount permitted)	JA s (will not be p	APAN printed on the pa 4b. Payment A A Che Payment Payment	ntent): [] individual [X] of Fee(s): ck in the amount of the fee(s) ent by credit card. Form PTO-	corporation or other private grounds is enclosed. 2038 is attached.	
[] la. Applicant claims SMALL ENTITY status. See 37 CFR 1.2.7. [] lb. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. Hotelong Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered agent or; or the assignee or other party in interest hown by the records of the United States Patent and Trademark Office. Authorized Signature) When the Scott C. Harris Scott C. Harris Fee Color For 1.2.7. [] lb. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). May 15, 2007 May 16, 2007 May 16, 2007 May 17, 2007 May 17, 2007 May 18, 2	Advance Order - # 0	Copies	-				edit any overpayment, to
Authorized Signature) JOHN F. CONTROY May 15, 2007 Yiped or Printed Name Scott C. Harris This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) in application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this orm and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	[].a. Applicant claims S	MALL ENTITY status. See 37 (
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) in application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and ubmitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this orm and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, and 1450, and 1450.	The Director of the USPTC NOTE: The issue Fee and hown by the records of the) is requested to apply the Issue l Publication Fee (if required) wil e Untied States Patent and Trader	Fee and Publical not be accepted mark Office.	ation Fee (if any ed from anyone	y) or to re-apply any previousl other than the applicant, a reg	y paid issue fee to the application istered agent or; or the assignee of	identified above. or other party in interest a
his collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) napplication. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and ubmitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this primary of the process of the complete of the process o	Authorized Signature)	/fu a	JOHN	1 F. C	NROY	May 15, 200	Z
his collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and ubmitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this orm and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	yped or Printed Name	Scott C. Harris	RFG.	-NO. 4	5 gi 4.85 5. <u>.32,030</u>		
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.	orm and/or suggestions for 450, Alexandria, Virginia Alexandria, Virginia 22313	r reducing this burden, should be 22313-1450. DO NOT SEND F. 3-1450.	ES OR COM	on is required to 1.14. This colled depending upor ief Information PLETED FOR!	o obtain or retain a benefit by section is estimated to take 12 r the individual case. Any com Officer, U.S. Patent and Trad. MS TO THIS ADDRESS. SET	emark Office, U.S. Department o ND TO: Commissioner for Patent	s, P.O. Box 1450,

ATTORNEY DOCKET NO. CONFIRMATION NO.